

Technical Data Sheet

Arsamide6 N. GF-I 25121

Product Type: Reinforced PA6 for injection molding

Product Description: Arsamide6 N. GF-I 25121 is reinforced glass fiber PA6 designed for injection molding process. The product provides an excellent balance of mechanical & process ability and features a high long-term heat-stability.

General

Material	• Polyamide6 reinforced with 30% glass fiber
Process Method	• Injection
Color	• Natural

Physical	Test Method	Test Condition	Value	Unit
Density	ASTM D792	23 °C	1.32	gr/cm ³
Mechanical	Test Method	Test Condition	Value	Unit
Tensile Strength at Break	ASTM D638	5 mm/min	140	MPa
Tensile Strain at Break	ASTM D638	5 mm/min	3.9	%
Izod Impact Strength	ASTM D256	Notched at 23°C	28	kJ/m ²

- All mentioned information in this technical data sheet present current knowledge and experience of Arsam Lab. Naturally, these data do not guarantee certain values since may vary on customers processing conditions, so they are provided for reference purposes only and should not be used alone to create specification limits and design basis.

Recommended Processing Condition:

- Zone Setting are as follows: 240 to 260 °C
- Mold Surface Temperature: 50 to 80°C
- Drying Temperature: 80 °C
- Drying Time: 2 to 4 hrs